

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Jianbo Li, et al.

Examiner:

J. Mullis

Serial No. Continuation of

09/546,891

Art Unit:

1711

Parent Filed: April 10, 2000

For:

Monovinylaromatic Polymer with **Improved Stress Crack Resistance**

Express Mail No. EV011883369US

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97 (b)

This Information Disclosure Statement is being submitted, along with Form PTO/SB/08A, under 37 C.F.R. § 1.97(b), i.e. within three months of the filing date of the above-referenced application or prior to the mailing date of the first Office Action on the merits. Accordingly, consideration of those references listed on the attached PTO Form PTO/SB/08A and enclosed herewith should be given by the Patent Office.

Pursuant to 37 C.F.R. §1.98(d), only copies of those references that were not submitted to or cited by the Patent Office in the parent case, identified by Serial No. 09/546,891, are provided. Specifically, copies of pages 15-63 of the Echte article (CA), and pages 146-150 of the C. Corleto, et al. article (CB) are enclosed.

Pursuant to 37 C.F.R. §§ 1.97(g) and (h), this Information Disclosure Statement should not be construed as a representation that a search has been made, or as an



admission that the information cited is, or is considered to be, material to the patentability of the invention as defined in 37 C.F.R. § 1.56(b).

No fee is believed to be necessary as the requirements of 37 C.F.R. § 1.97(b) have been met. If any fees are deemed necessary to further the prosecution of the present application, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-1899

All future correspondence with respect to the above-referenced application should be addressed to:

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Date: January 17, 2002

Respectfully submitted,

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ATTORNEY FOR APPLICANTS

Please type a plus sign (+) inside this box + PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2

Complet if Known					
Application Number Continuation of 09/546,891					
Filing Date					
First Named Inventor	Jianbo Li				
Group Art Unit	1711				
Examiner Name	Mullis, J.				
Attorney Docket Number	COS-796-CON				

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				U.S. PATENT DOC	JMENTS	
Examiner Initials*	Cite No.1	U.S. Patent Number	Document Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
_	AA	5,543,461		Nke-Aka, et al.	08-06-1996	
	AB_	5,861,455		Reddy, et al.	01-19-1999	
	AC	5,998,552		Gruber, et al.	12-07-1999	
	AD	6,150,479		Klemarczyk, et al.	11-21-2000	
	AE	5,266,603		Holzmeier	11-30-1993	
	AF	4,440,885		Tamosauskas	04-03-84	
	AG	4,777,210		Sosa	10-11-1988	
	AH	5,760,149		Sanchez	06-02-1998	
	ΑI	4,861,827		Sosa, et al.	08-29-1989	

				FOR	EIGN PATENT DOCUMENT	'S		
Examiner Initials*	Cite No.1	Office	Foreign Patent Do Number ⁴	cument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	BA	wo	9807684		tochem North America Elf	02-26-1998		
	BB	GB	691908A		Koppers Co Inc.	05-27-1953		
	BC	EP	0077632A		Carstab Corp.	04-27-1983		
	BD	EP	0458773A		Fina Technology	11-27-1991		
	BE	GB	767642A		Monsanto Chemicals	02-06-1957		-
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Examiner	Date	·	
Signature	Considered		

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Standard ST.36 if number of the patent document under WIPO Standard ST.36 if number of the patent document. *Standard ST.36 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



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Substit	ute for form 1449B/PT	n		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	Continuation of 09/546,891				
		Filing Date					
		First Named Inventor	Jianbo Li				
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	_(use as many s	sheets as r	necessary)	Examiner Name	Mullis, J.		
Sheet	2	of	2	Attorney Docket Number	COS-796-CON		

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	СА	A. ECHTE, Rubber Toughened Styrene Polymers, Amer. Chem. Soc. Series #222, 1989 pp. 15-63, Washington, D.C.	
		C. CORLETO, ET AL., Fracture Behavior of High-Impact Polystyrene Under an Aggressive	
	СВ	Environment, Polymer Engineering and Science, Mid-January 1996, Vol. 36, No. 1, pp. 146-150.	
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